

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 07/25/2006

DSR Number: 103-05-255K Project Number:

NRCS Entry Only

Eligible: YES X NO
Approved: YES X NO
Funding Priority Number (from Section 4) 2e
Limited Resource Area: YES NO X

Section 1B Sponsor Information

Sponsor Name: St. Tammany Parish

Address: P. O. Box 628

City/State/Zip: Covington, La. 70434-0628

Telephone Number: 985-898-2552 Fax: 985-898-5205

Section 1C Site Location Information

County: St. Tammany State: Louisiana Congressional District: 01

Latitude: See comments Longitude: Section: 31,36,40 Township: 8S Range: 13
UTM Coordinates:

Drainage Name: K Fenner Rd. Lateral of Bayou Liberty Reach: 1848 ft

Damage Description: Trees and debris in channel

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	X		
Recovery measures would be for runoff retardation or soil erosion prevention?*	X		
Threat to life and/or property?*	X		
Event caused a sudden impairment in the watershed?*	X		
Imminent threat was created by this event?**	X		
For structural repairs, not repaired twice within ten years?***	X		
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action? (Go to pages 3, 4, 5 and 6 ***)	X		
Proposed action technically viable? (Go to Page 9 ***)	X		

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES X NO

Comments: Downstream Start:

N30.31520	W89.83601
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Upstream End:

N30.31633	W89.84084
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* Statutory

** Regulation

*** DSR Pages 3 through 6 and 9 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages. 1 of 14

Approved 7/2005

Section 1E Proposed Action

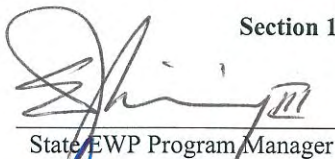
Describe the preferred alternative from Findings: Section 5 A:

Remove and dispose of debris and large trees from the channel using only one side of the channel for access. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

Total installation cost identified in this DSR: Section 3: \$

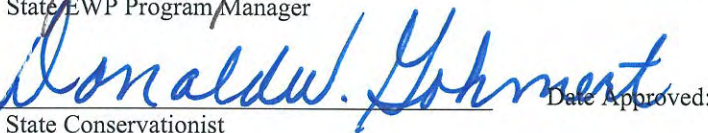
Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed: 8/8/06

Approved By:


State Conservationist

Date Approved: 8/9/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.)

Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write USDA, Director of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (800)795-3272 (voice) or (202)720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 or the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

DSR NO: 103-05-255K

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternatives and Effects		
		Proposed Action	No Action	Alternative
		REMOVE AND DISPOSE OF DEBRIS AND LARGE TREES FROM THE CHANNEL USING ONLY ONE SIDE OF THE CANNEL FOR ACCESS.	Leave all debris and large trees in the channel.	Remove and dispose of debris and large trees from the channel using both sides of the channel for access.
2D Effects of Alternatives				
Soil				
Bank Erosion	Estimate 20 tons per acre, bank erosion some control by existing vegetation.	Removal of debris will allow more re-vegetation and reduce soil loss to 5 tons per acre.	Potential for further damage and degradation of bank will lead to increased soil loss.	Estimate 10 tons per acre, bank erosion controlled somewhat by existing vegetation.
Water				
DO	Low DO from decreased water flow.	Removal of debris will result in increased water flow and increased DO.	DO will remain low if blockage is allowed to remain.	Removal of debris will result in increased water flow and increased DO.
BOD	High BOD from decomposition of debris.	Improved BOD by removing debris.	High BOD from decomposition of debris.	Improved BOD by removing debris.
Overall Stream Health	Present SVAP: 4.8	Potential: 5.4	Remain @ SVAP = 4.8	Potential: 5.4
Air				
Particle Matter / Dust	No effect.	Slight temporary increase during debris removal.	No effect.	Slight temporary increase during debris removal.
Plant				
Riparian Plants	Excess debris has potential to damage.	Debris removal will protect the existing riparian buffer zone.	Excess debris has potential to damage.	Debris removal will protect the existing riparian buffer zone.
Aquatic Plants	Few plants - poor water quality or low diversity in vegetated areas.	Increase water quality and increased aquatic plants.	Few plants - poor water quality or low diversity in vegetated areas.	Increase water quality and increased aquatic plants.
Animal				
Aquatic habitat	Impaired food web quality.	Quality increased and BOD reduced.	Quality reduce resulting in high BOD	Quality increased and BOD reduced.
Upland habitat	Damaged due to debris.	Initial damage on one side, but leading to improved habitat.	Slight increase in time.	Initial damage on both sides, but leading to improved habitat.
Other				
Aesthetics	Poor due to clutter.	Improved by debris removal.	Poor due to clutter.	Improved by debris removal.
Vectors	Inc. vector habitat due to areas of stagnant water.	Decrease in vector habitat.	Inc. vector habitat due to areas of stagnant water.	Decrease in vector habitat.

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA Jurisdiction. No CWA permit will be needed if debris is left in channel.	Improved water quality; CWA permit required.	Decrease water quality; increase blockage/clutter. Debris affecting water quality.	Improve water quality; short term increase in damage; CWA permit required.
Coastal Zone Management Areas	N/A north of I-12.	N/A north of I-12.	N/A north of I-12.	N/A north of I-12.
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	None observed on-site. State Level Review.	None observed on-site. State Level Review.	None observed on-site. State Level Review.	None observed on-site. State Level Review.
Endangered and Threatened Species	(FOTG II). State level review by project type with USFWS&LDWF; None noted in project area.	None on-site (FOTG II). No suitable habitat on site (field investigation); no effect.	None on-site (FOTG). No suitable habitat on site (field investigation); no effect.	None on-site (FOTG). No suitable habitat on site (field investigation); no effect.
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	N/A Referenced with NOAA	N/A	N/A	N/A
Fish and Wildlife Coordination	State level review by project type with USFWS & LDWF; Consultation not required for debris removal.	Consultation not required for debris removal.	N/A	Consultation not required for debris removal.
Floodplain Management	Abita Springs Lateral is located within 100-year flood plain. Debris in bayou increases flood potential.	Improved function to drainage channel by restoring pre-storm hydraulic capacity.	100-year floodplain function is impaired.	Improved function to drainage channel by restoring pre-storm hydraulic capacity.
Invasive Species	Common Privet, Chinese Tallow, Jap. Climbing Fern, Christmasberry, Jap. Honey-suckle, Bamboo, Tung Oil, Gardenia, & Wisteria noted in project area.	Chance of a slight increase of invasive species due to opening some areas.	No effective increase.	Chance of a slight increase of invasive species due to opening some areas.
Migratory Birds	Food and habitat reduced due to debris cover, thus less open water.	Food and cover quality improved.	Food and habitat reduced due to debris cover, thus less open water.	Food and cover quality improved.
Natural Areas	(FOTG II) None identified.	(FOTG II) None identified.	(FOTG II) None identified.	(FOTG II) None identified.
Prime and Unique Farmlands	(FOTG II) (Soil Survey) Pr & St located adjacent to lateral, urban areas.	(FOTG II) (Soil Survey) Pr & St located adjacent to lateral, urban areas.	(FOTG II) (Soil Survey) Pr & St located adjacent to lateral, urban areas	(FOTG II) (Soil Survey) Pr & St located adjacent to lateral, urban areas.
Riparian Areas	Riparian area impacted by debris accumulation and altered hydrology.	Riparian area improved by debris removal; some temporary impacts resulting from access.	Riparian area impacted by debris accumulation and altered hydrology.	Riparian area improved by debris removal; some temporary impacts resulting from access.
Scenic Beauty	(FOTG II) N/A	(FOTG II) N/A	(FOTG II) N/A	(FOTG II) N/A
Wetlands	None observed on-site. State Level Review.	None observed on-site. State Level Review.	None observed on-site. State Level Review.	None observed on-site. State Level Review.
Wild and Scenic Rivers	(FOTG II) LDWF scenic streams list. (Not Listed.)	(FOTG II) LDWF scenic streams list. (Not Listed.)	(FOTG II) LDWF scenic streams list. (Not Listed.)	(FOTG II) LDWF scenic streams list. (Not Listed.)

Completed By: Kent DuerreDate: 07-25-2006

DSR NO: _ 103-05-255K

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
1 house @ \$200,000	200,000	25	50,000
Properties Protected (Public)			
1 Culvert	2000	10	200
Business Losses			
Other			
Total Near Term Damage Reduction \$			50,200
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			

Completed By: ____ Jeremy Bennett _____

Date: July 25, 2006

Section 2G Social Consideration

This section must be completed by each alternative considered (attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?		x	
Is there the potential for loss of life due to damages from the watershed impairment?	x		
Has access to a hospital or medical facility been impaired by watershed impairment?	x		
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	x		There is a high potential of flooding in the area due to the debris in the channel. The cemetery has a potential to flood and grave sites may be disturbed by the high water levels per residents concerns.
Is there a lack or has there been a reduction of public safety due to watershed impairment?	x		

Completed By: Kent Duerre Date: 7-25-06

Section 2H Group Representation and Disability Information**This section is completed only for the preferred alternative selected.**

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	
White Female Non-Hispanic	4
White Male Hispanic	
White Male Non-Hispanic	3
Total Group	7

Census tract(s) T041204, BG1_____

Completed By: Jeremy Bennett Date: July 25, 2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission - St Tammany Parish government

CWA - Section 404 Permit - Army Corps of Engineers

Water Quality Certification - LA Dept of Water Quality

Mitigation Description:

Debris will be disposed of on-site outside of streambed area (spread/blown and not piled) on either side. Access areas should be limited to the drier of the two banks to minimize impacts to adjacent riparian areas (wetlands) and to minimize detriment to fish habitat within stream. Action will be completed without interruption.

Some existing, water-logged debris left in the channel is preferred/acceptable. Only dead/new debris is to be removed. No live trees within the stream bed should be cut.

Disturbed areas will be seeded to an approved seed mix. See the FOTG Sec IV - Critical Area Planting NRCS LA - Standard 342 found in the local NRCS Field Office.

Agencies, persons, and references consulted, or to be consulted:

U.S. Army Corps of Engineers, New Orleans District

LDEQ

LDWF

USFWS

St. Tammany Parish Government

LDNRCMD (?)

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?				
2. Is this a site where there is serious, but not immediate threat to human life?	X			2e
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?				
4. Is this site a funding priority established by the NRCS Chief?				
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			X	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

Section 5A Findings**Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):**

Remove and dispose of debris and large trees from the channel using only one side of the channel for access. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

X Has been sufficiently analyzed in the EWP PEIS (reference all that apply)

Chapter 5.2.2.1.2

Chapter _____

Chapter _____

Chapter _____

Chapter _____

____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: District Conservationist

Date: 8/1/06

Section 5B Comments:**Section 5C**

Sponsor Concurrence: _____

Sponsor Representative

Title: Stacy Engberg

Date: 8/2/06

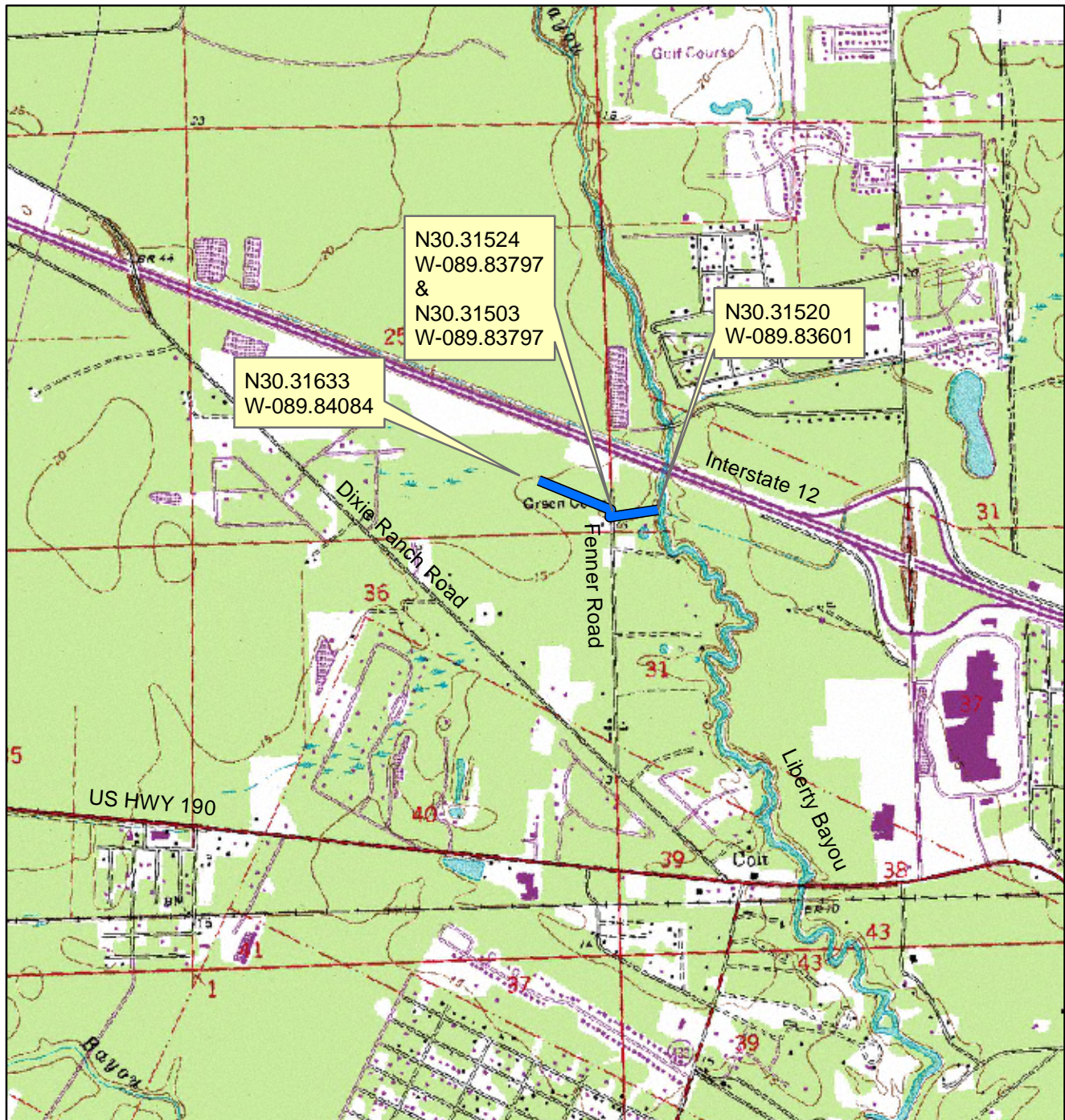
Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

PERMIT MAP OF FENNER ROAD

DSR 103-05-255 K

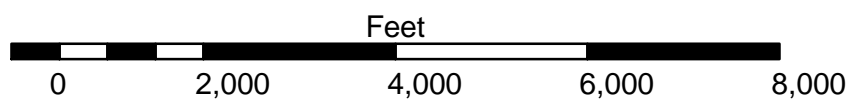
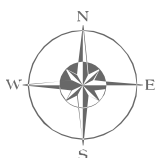
ST. TAMMANY



Legend

 Fenner Road

Topo Quad: Slidell
Sections: 31,36,40
Township: 8S
Range: 13E



Sheet 4 of 9

July 25, 2006